

**RPA780Po01 200µg**

**Recombinant Lactoferrin (LTF)**

**Organism Species: *Sus scrofa*; Porcine (Pig)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Val25~Glu348

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Secreted

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 50µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.9

**Predicted Molecular Mass:** 66.2kDa

**Accurate Molecular Mass:** 66kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

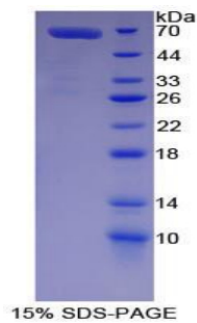
Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## **[ SEQUENCE ]**

VRWCVI STAESKCRQ WQSKIRRTNP  
MFCIRRASPT DCIRAIAAKR ADAVTLDGGL VFEADQYKLR PVAAEIYGTE  
ENPQTYYYAV AVVKKGFNFQ LNQLQGRKSC HTGLGRSAGW NIPIGLLRRF  
LDWAGPPEPL QKAVAKFFSQ SCVPCADGNA YPNLCQLCIG KGKDKCACSS  
QEPYFGYSGA FNCLHKGIGD VAFVKESTVF ENLPQKADRD KYELLCPDNT  
RKPVEAFREC HLARVP SHAV VARSVNGKEN SIWELLYQSQ KKFGKSNPQE  
FQLFGSPGQQ KDLLFRDATI GFLKIPSKID SKLYLGLPYL TAIQGLRE

## [ IDENTIFICATION ]



## [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.